

**TRANSMITTAL LETTER TO THE UNITED STATES
 DESIGNATED/ELECTED OFFICE (DO/EO/US)
 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

10/540425 see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
 PCT/KR2003/002845

INTERNATIONAL FILING DATE
 December 26, 2003

PRIORITY DATE CLAIMED
 December 27, 2002

TITLE OF INVENTION
 METHOD AND APPARATUS FOR DYNAMIC SEARCH OF VIDEO CONTENTS

APPLICANT(S) FOR DO/EO/US
 LG Electronics Inc.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

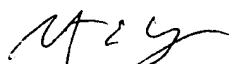
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☒ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☒ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

Un

1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | | | | |
|---|--------------|---|---------|---|--------------|--|
| U.S. APPLICANT <div style="font-size: 2em; font-weight: bold; margin-left: 100px;">10/540426</div> | | INTERNATIONAL APPLICATION NO. PCT/KR2003/002845 | | ATTORNEY'S DOCKET NUMBER 2080-3390-PCT | | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY | |
| 21. <input checked="" type="checkbox"/> Basic national fee | | | | \$ 300.00 | | |
| 22. <input checked="" type="checkbox"/> Examination fee | | | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) | | | | \$ 200.00 | | |
| All other situations | | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee | | | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority | | | | | | |
| International Search Report prepared and provided to the Office | | | | \$ 400.00 | | |
| All other situations | | | | | | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900.00 | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | |
| 19 - 100 = | 0 /50 = | 0 | x \$250 | \$ 0.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)). | | | | \$ | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | |
| Total claims | 19 - 20 = | 0 | x \$ 50 | \$ 0.00 | | |
| Independent claims | 3 - 3 = | 0 | x \$200 | \$ 0.00 | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360 | \$ 0.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 0.00 | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | |
| SUBTOTAL = | | | | \$ 0.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | \$ | | |
| TOTAL NATIONAL FEE = | | | | \$ | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ 40.00 | | |
| TOTAL FEES ENCLOSED = | | | | \$ 940.00 | | |
| | | | | Amount to be refunded: | \$ | |
| | | | | Amount to be charged: | \$ | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 940 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502290</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | |
| THE LAW FIRM OF LEE, HONG, DEGERMAN, KANG & SCHMADEKA A PROFESSIONAL CORPORATION 801 S. FIGUEROA STREET FOURTEENTH FLOOR LOS ANGELES, CA 90017 | | | | | | |
| | | | |  SIGNATURE | | |
| | | | | Robert E Kasady NAME | | |
| | | | | 50,268 REGISTRATION NUMBER | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tae Hyoung Kim, Kyoung Ro Yoon and
Sung Bae Jun

Serial No:

Filed: Herewith

For: METHOD AND APPARATUS FOR DYNAMIC
SEARCH OF VIDEO CONTENTS

Art Unit:

Examiner:

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 656509201 US

Date of Deposit: June 24, 2005

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ Transmittal letter to the U.S. designated/elected office
- ☒ Check in amount of \$ 900 as filing fee
- ☒ International application 19 page(s) of specification; 19 claim(s); 1 page(s) of abstract
- ☐ PCT request
- ☒ PCT notice informing the applicant of the communication of the international application to the designated offices
- ☒ 3 sheet(s) of formal drawings (FIGS. 1 - 4)
- ☒ Executed Declaration and Power of Attorney
- ☒ Assignment of the invention to LG Electronics Inc.
- ☒ International Search Report
- ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
- ☐ Amendment Under PCT Article 19
- ☒ Return postcard

0/540426

IC20 Rec'd PCT/PTO 24 JUN 2005

☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290.

☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: June 24, 2005

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Telephone: 213-623-2221
Facsimile: 213-623-2211

Robert E. Kasody

Name of person mailing papers



Signature